

10.0 Figures and Photographs

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Figure 15 – Ashbrook, WDFW

Figure 16 – Davis, WDOE

Figure 19, 20 – Inter-Fluve, Inc.

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Figure 25 – Loof, WDFW

Figure 33, 34 – Doty, WDFW

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10.0 Figures and Photographs



Figure 1: Incident Location



Figure 2: Break Site



Figure 3: Excavation of Pipe

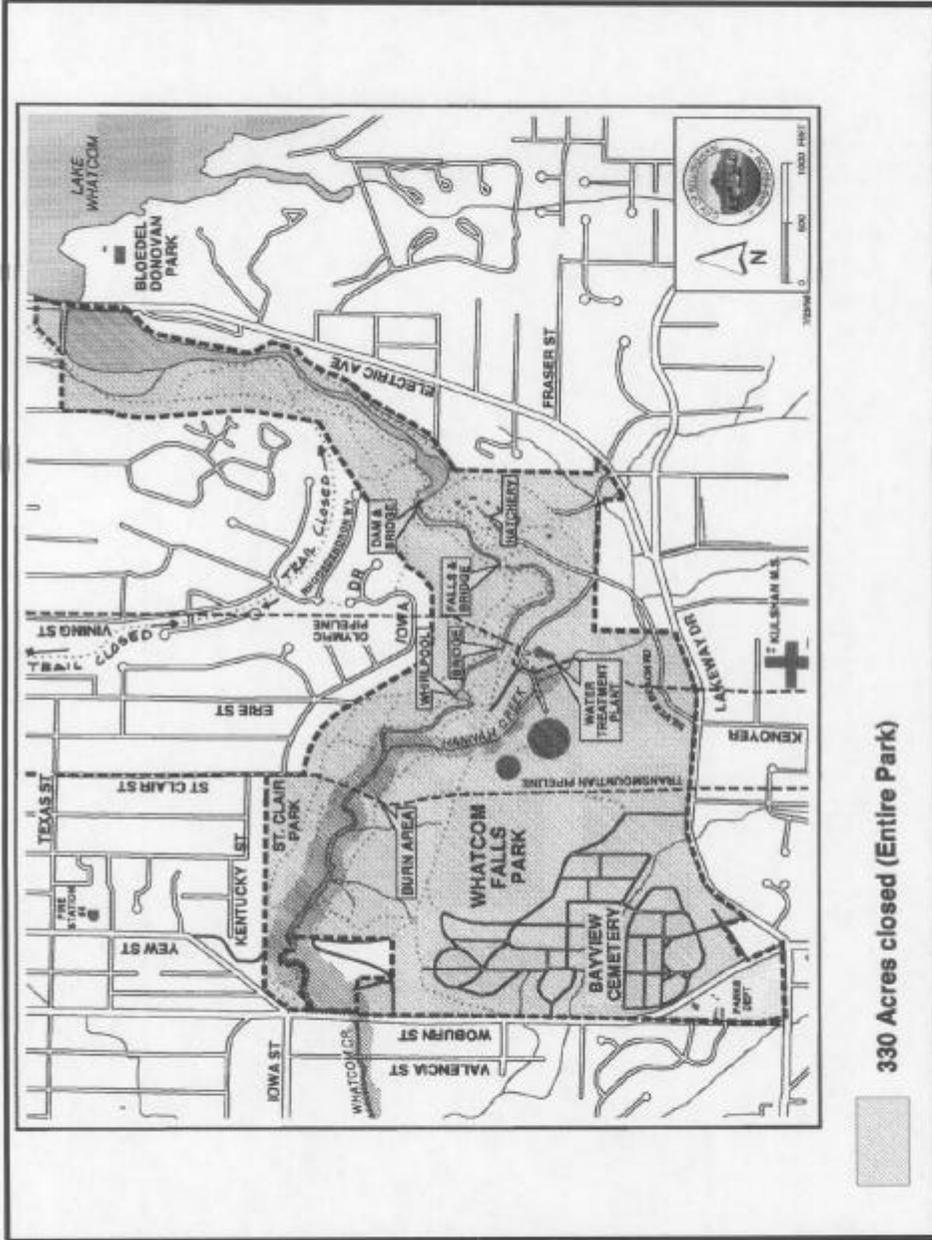


Figure 4: Map of Whatcom Falls Park Area. Closures from June 10-17, 1999

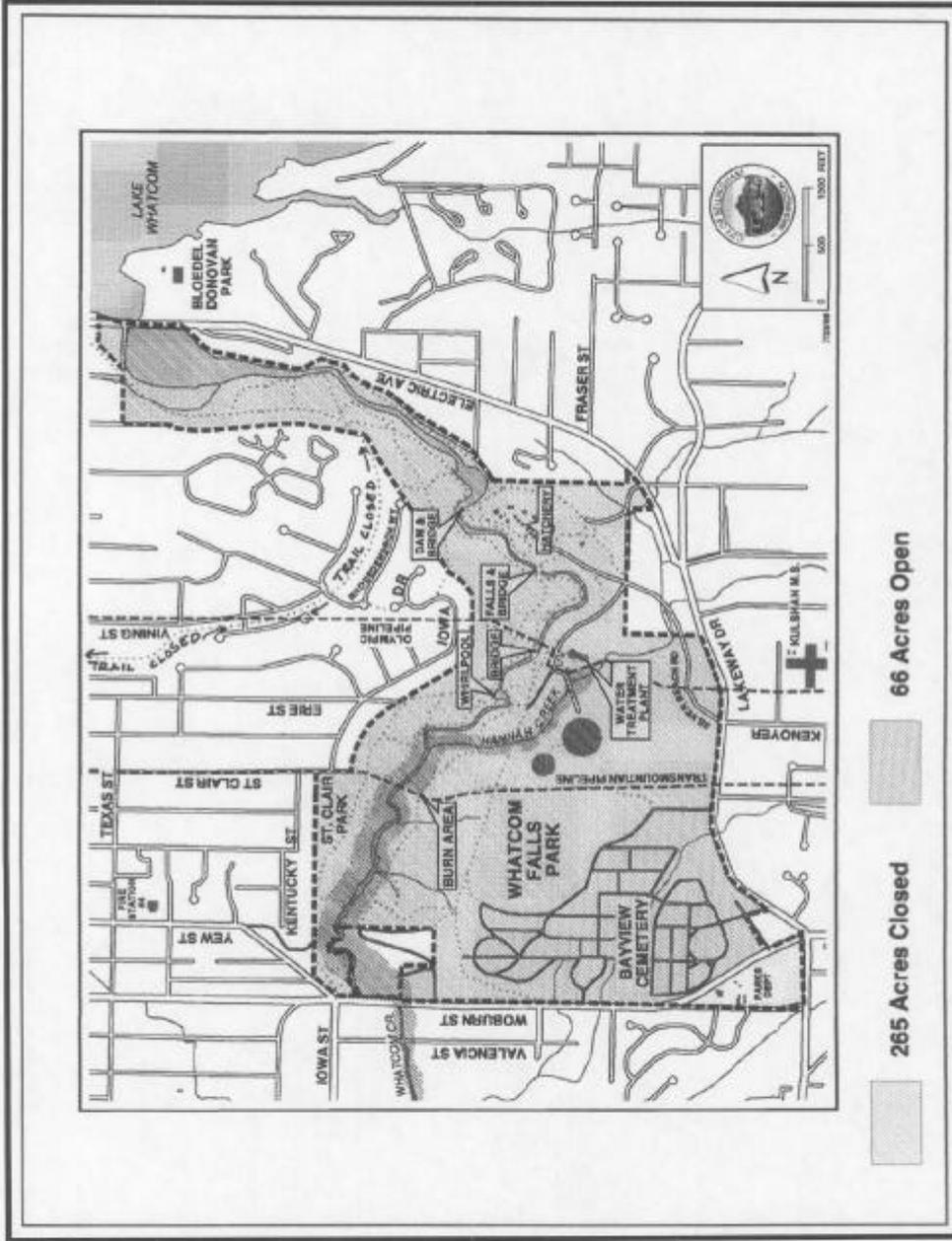


Figure 5: Map of Whatcom Falls Park. Closures from June 17-July 10, 1999
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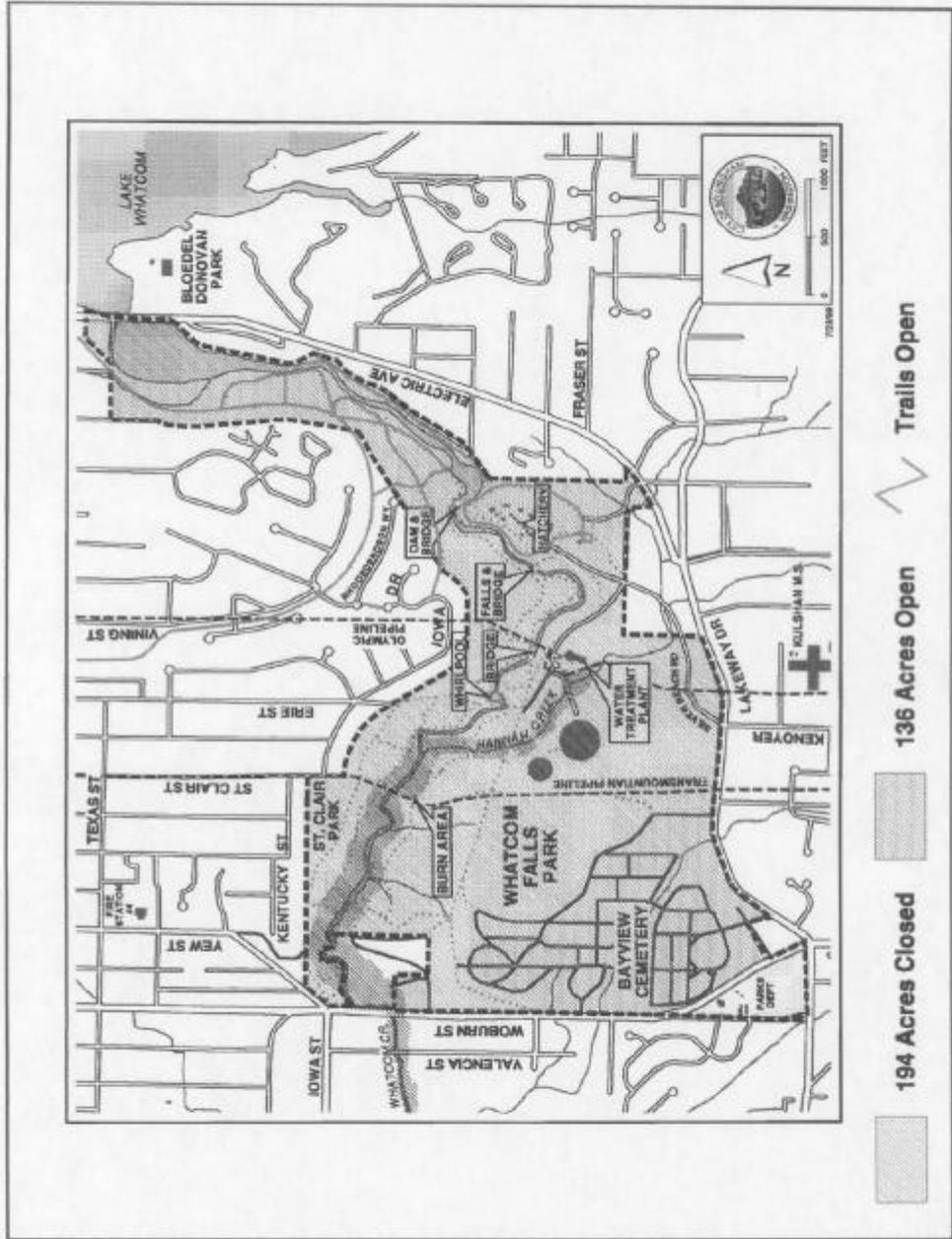


Figure 6: Map of Whatcom Falls Park. Closures from July 10-15, 1999

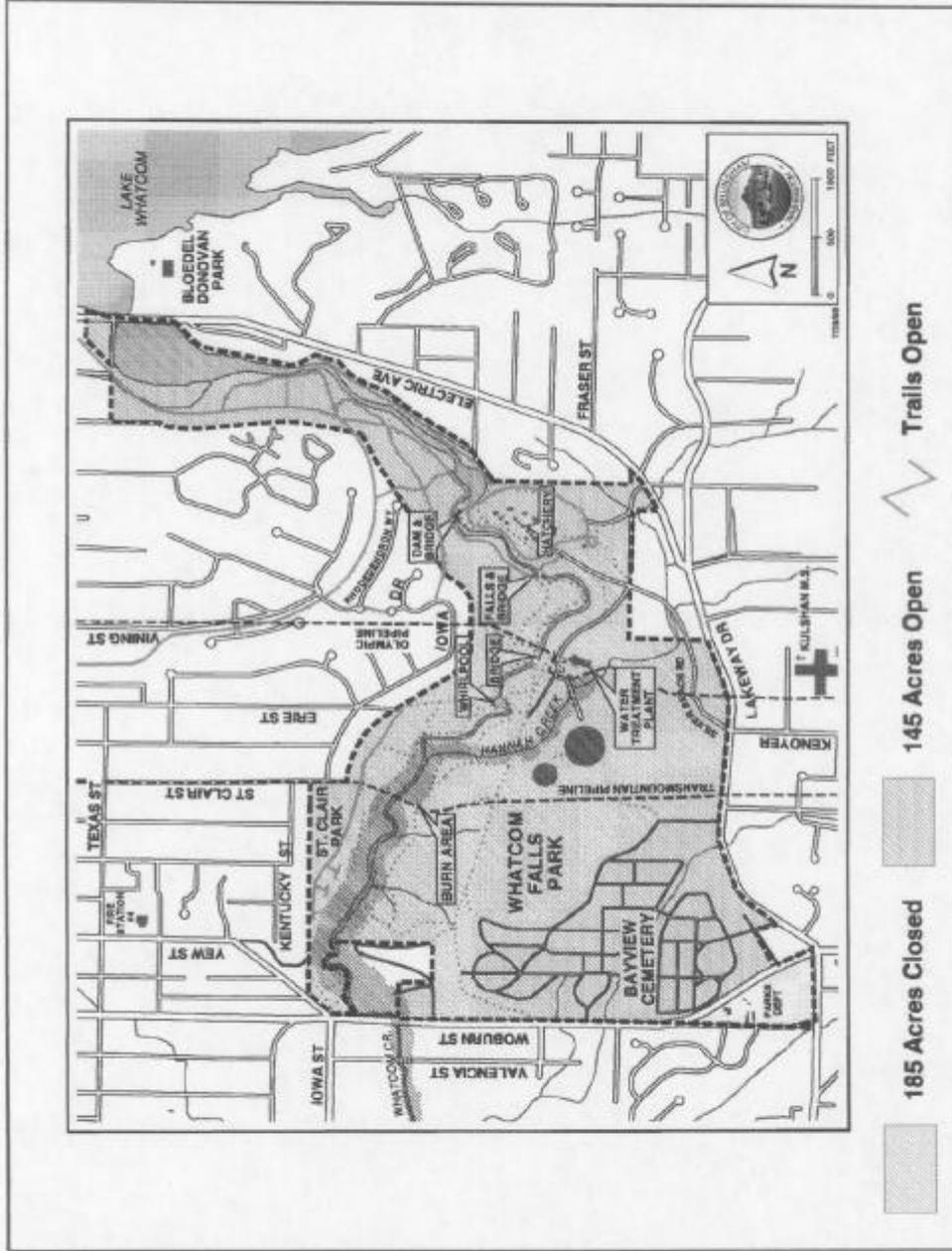


Figure 7: Map of Whatcom Falls Park. Closures from July 16-23, 1999

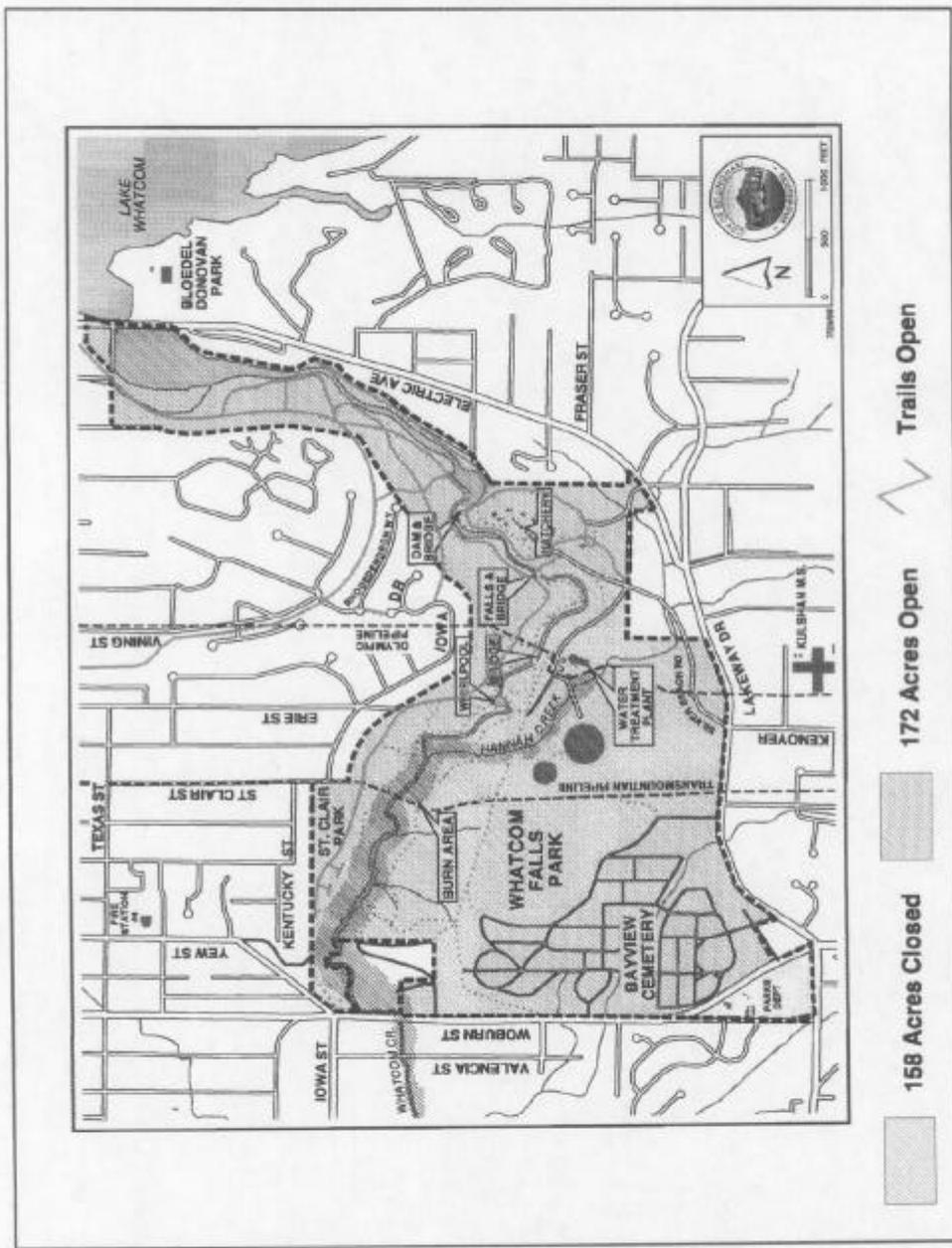


Figure 8: Map of Whatcom Falls Park. Closures from July 23-September 22, 1999

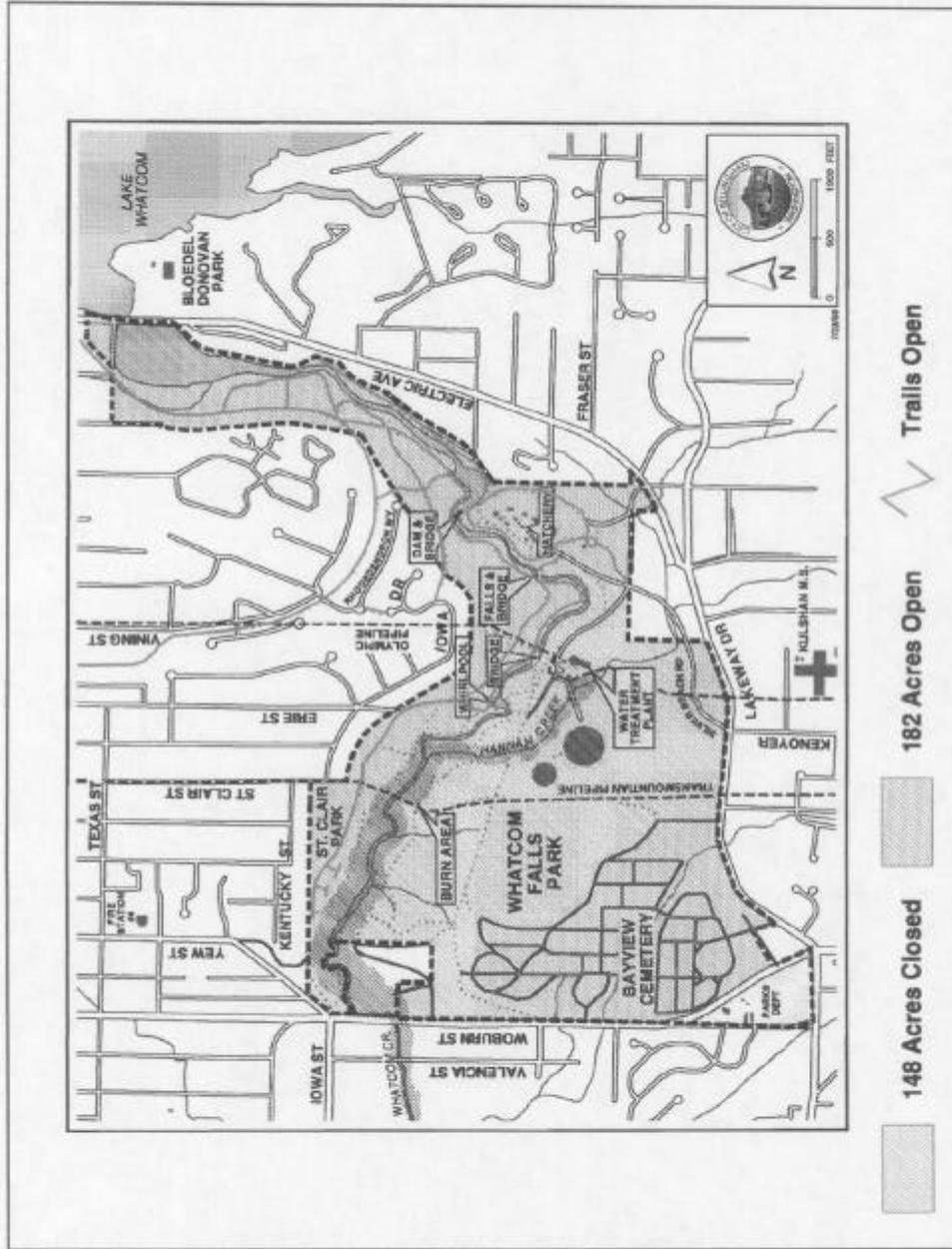


Figure 9: Map of Whatcom Falls Park. Closures from September 22-November 21, 1999

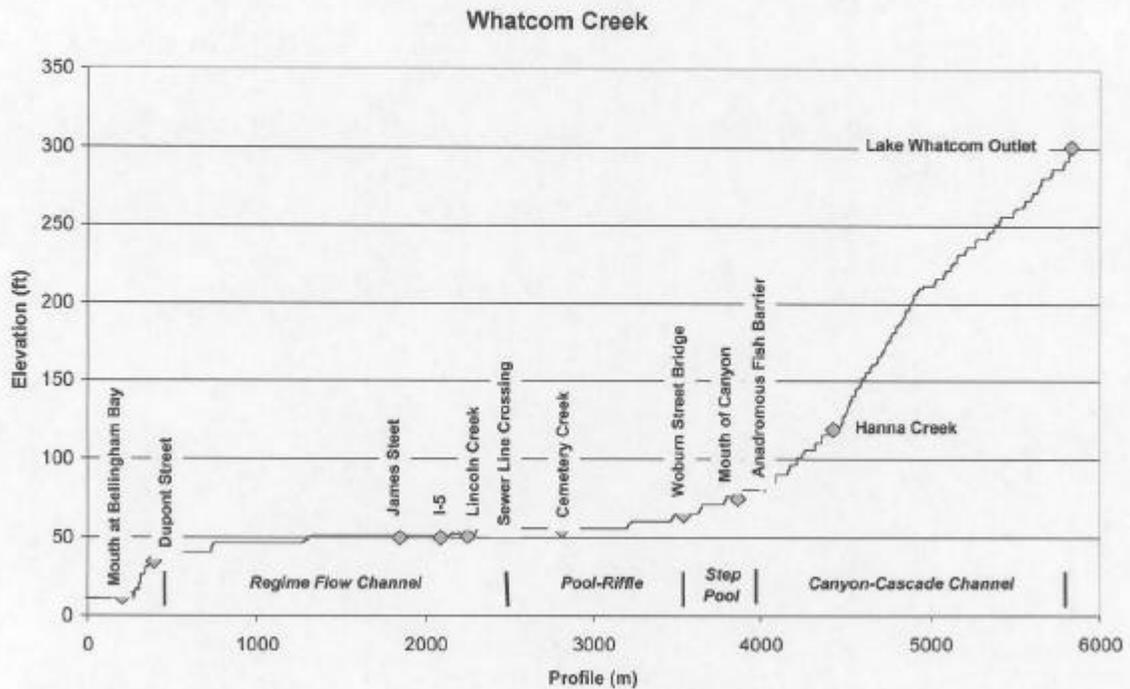


Figure 10: Whatcom Creek Vertical Profile

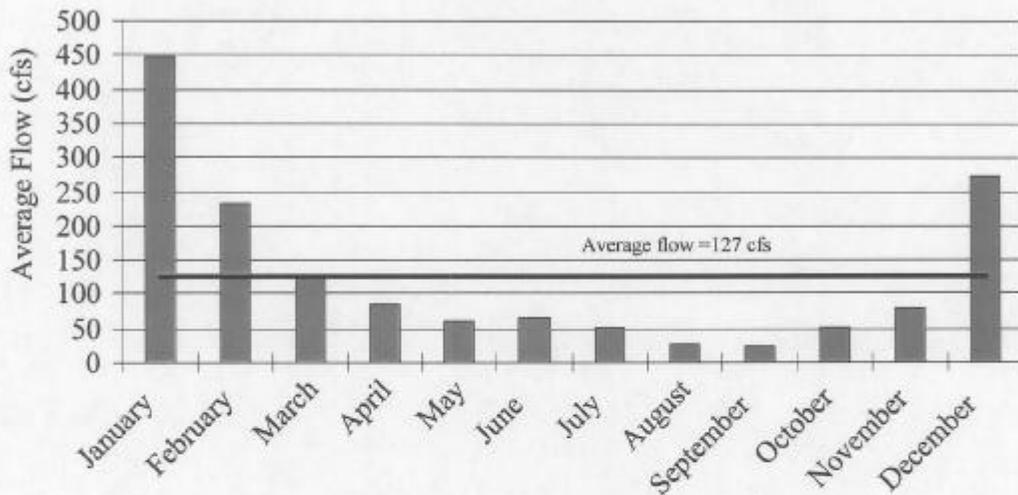


Figure 11: Average Monthly Flows for Whatcom Creek

Exhibit 4-1

WATER SAMPLING SITES ALONG WHATCOM CREEK

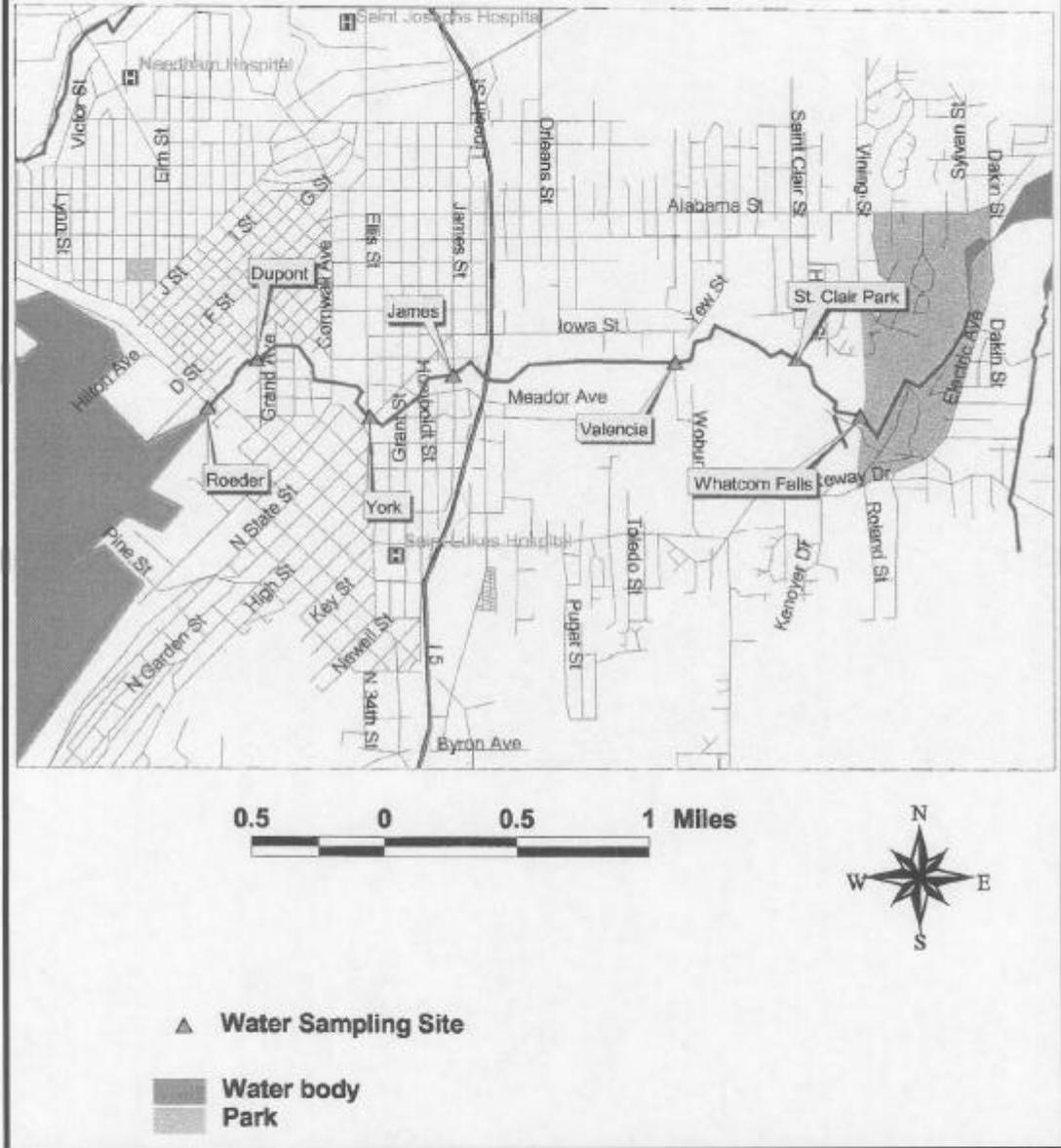


Figure 12: Map of Water Sampling Stations in Creek

WATER SAMPLING SITES IN BELLINGHAM BAY

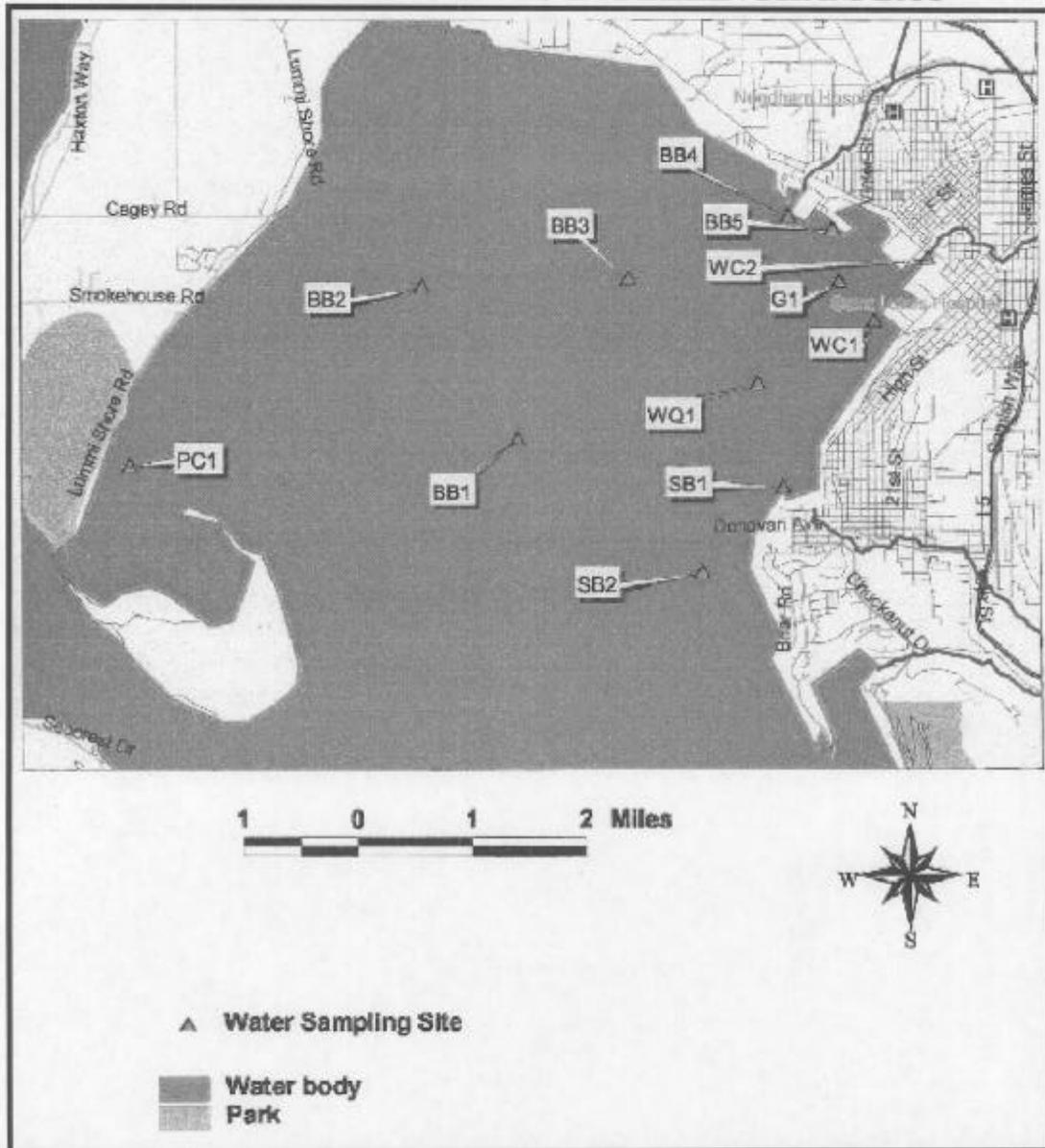


Figure 13: Map of Water Sampling Stations in Bellingham Bay



Figure 14: Spawning areas



Figure 15: Beach Seine Surveys, May 2000



Figure 16: Dead Lamprey in the Whatcom Waterway



Figure 17: Deer in Whatcom Creek

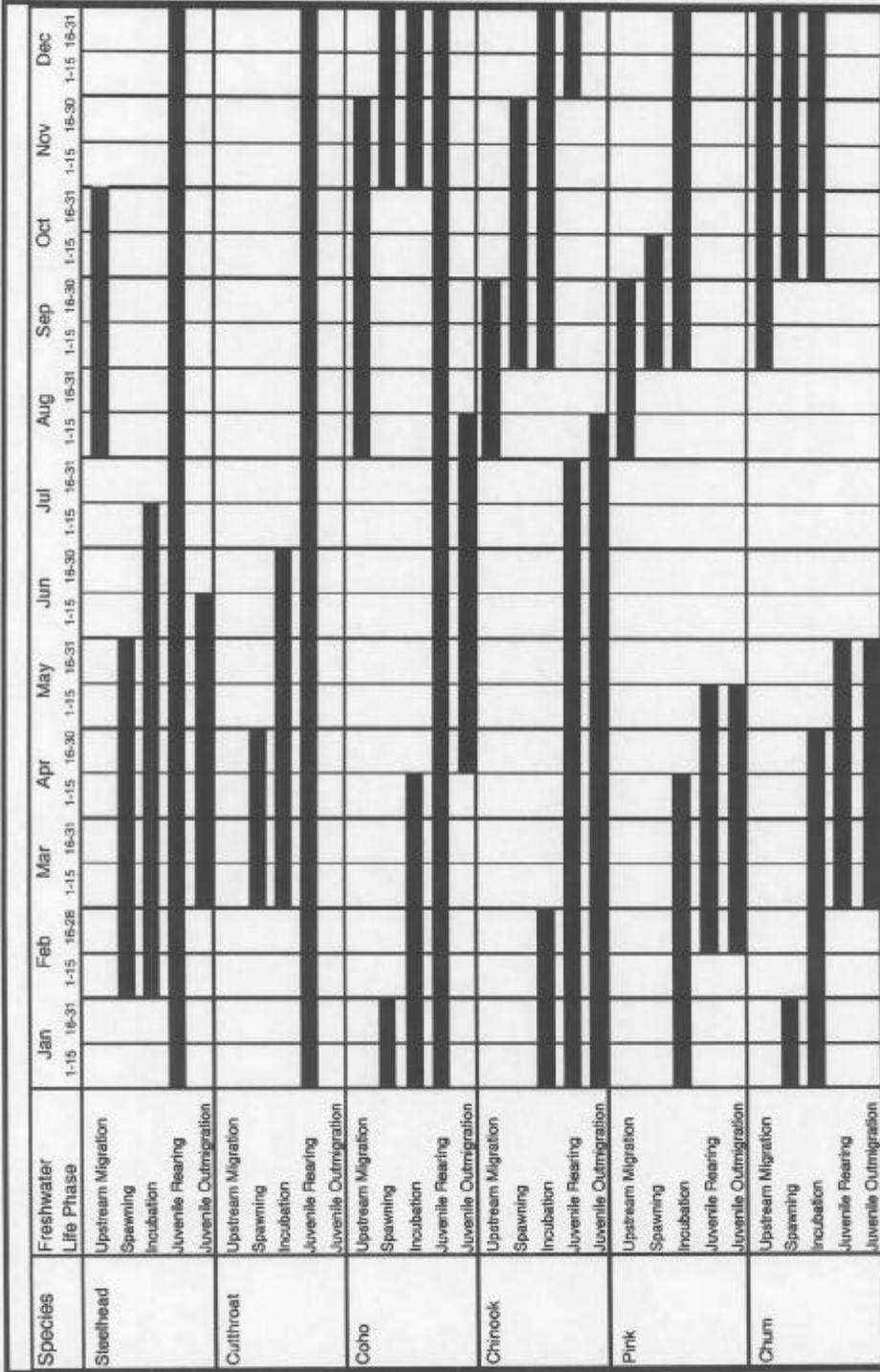


Figure 18: Seasonality of Salmonid Utilization



Figure 19: Hanna Creek Remediation (Before)



Figure 20: Hanna Creek Remediation (After)



Figure 21: Aerial photograph of burn zone



Figure 22: Close-up of burn zone



Figure 23: Hydroseeding



Figure 24: Sampling with pipette



Figure 25: Fires in Creek



Figure 26: Creation of Pool Habitats

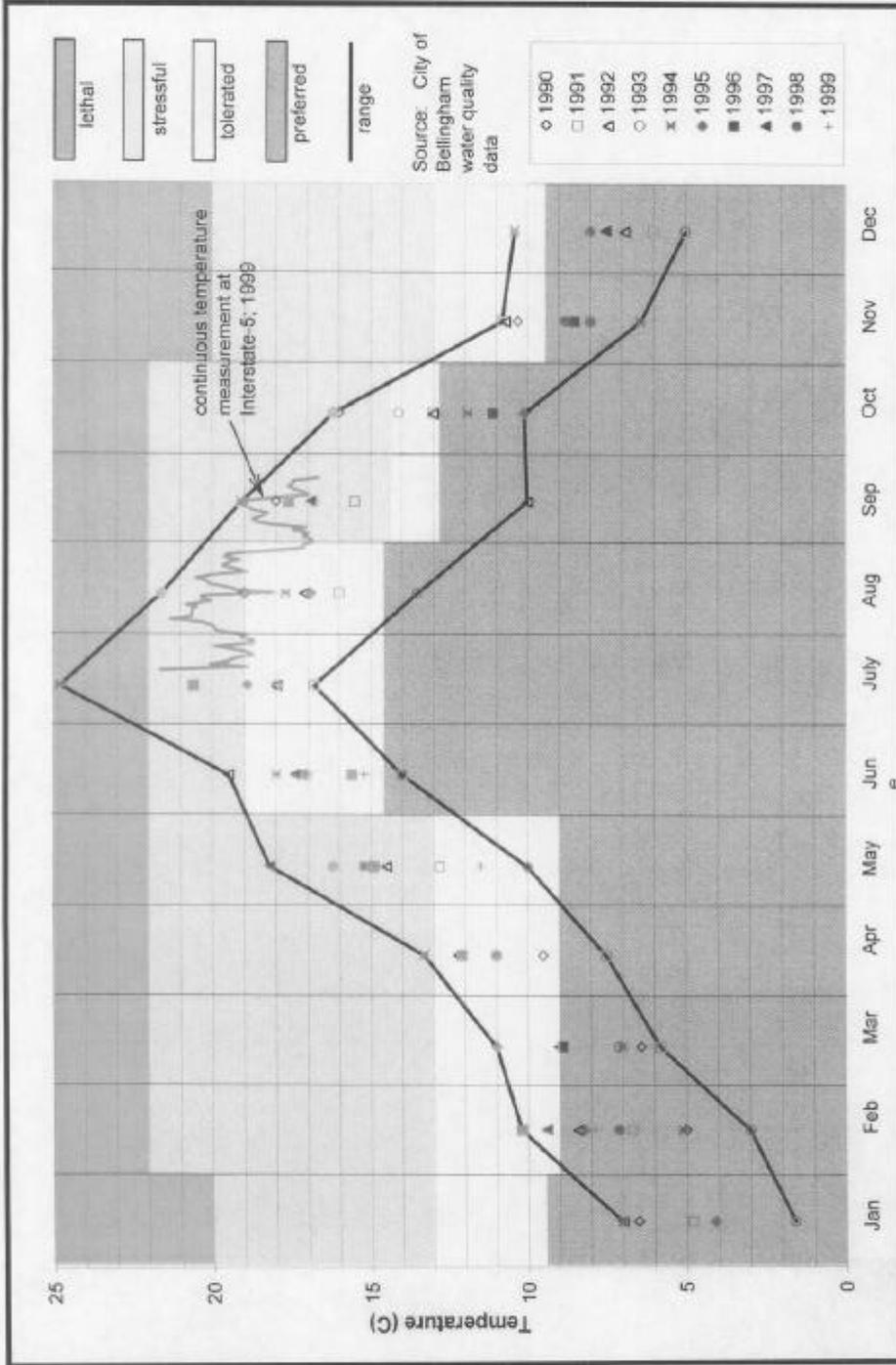


Figure 27: Chart of Fish thermal stress



Figure 28: Heavy Equipment Working in Stream



Figure 29: Completed placement of woody debris in stream



Figure 30: Closure sign in park



Figure 31: Newly Planted Tree

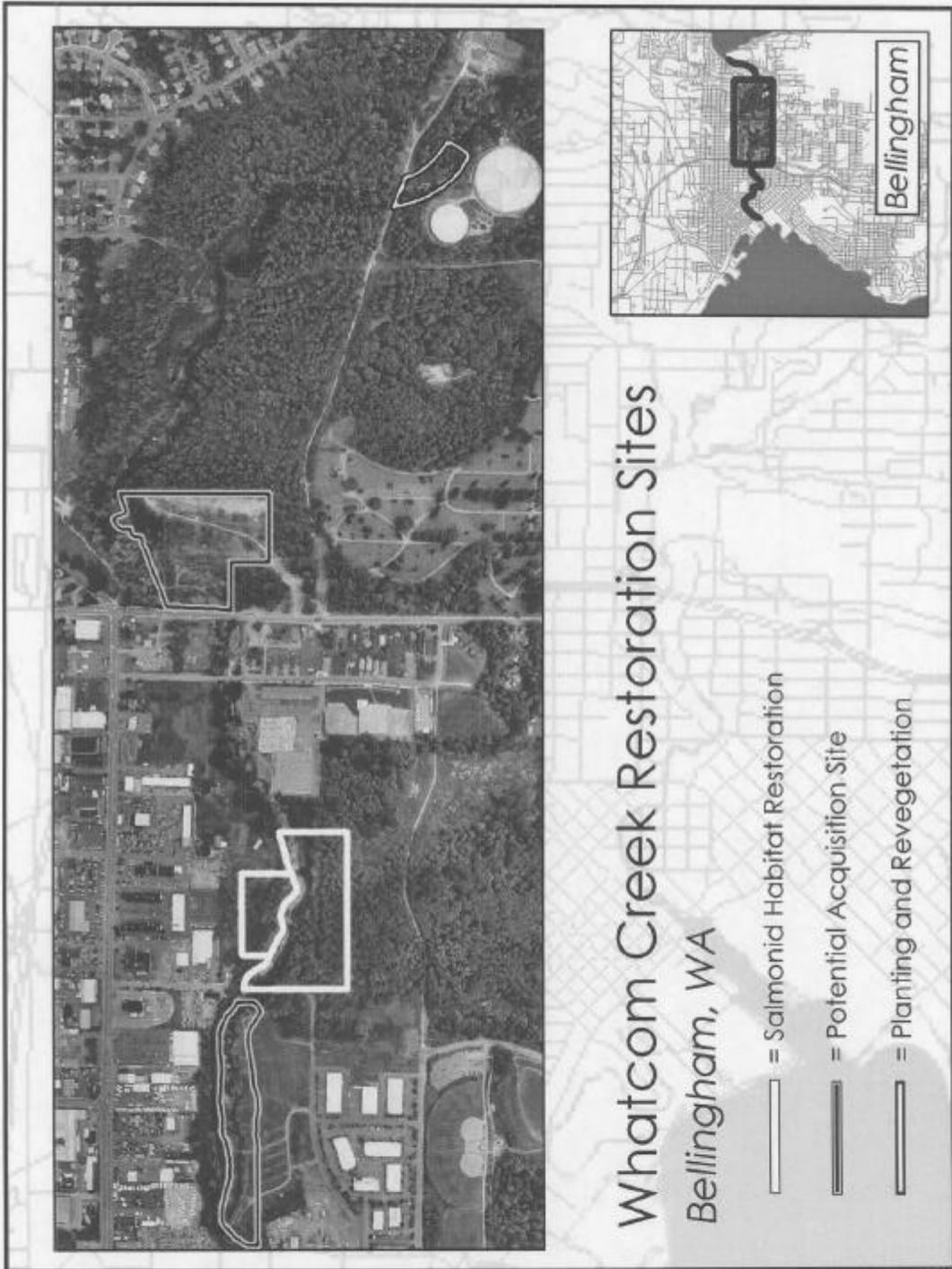


Figure 32: Map of Proposed Restoration Alternatives



Figure 33: Picture of proposed Whatcom Reach project site (August 2001)



Figure 34: Picture of proposed Haskell project site (May 2000)



Figure 35: New Fever Creek Bridge



Figure 36: New Valencia Street Bridge

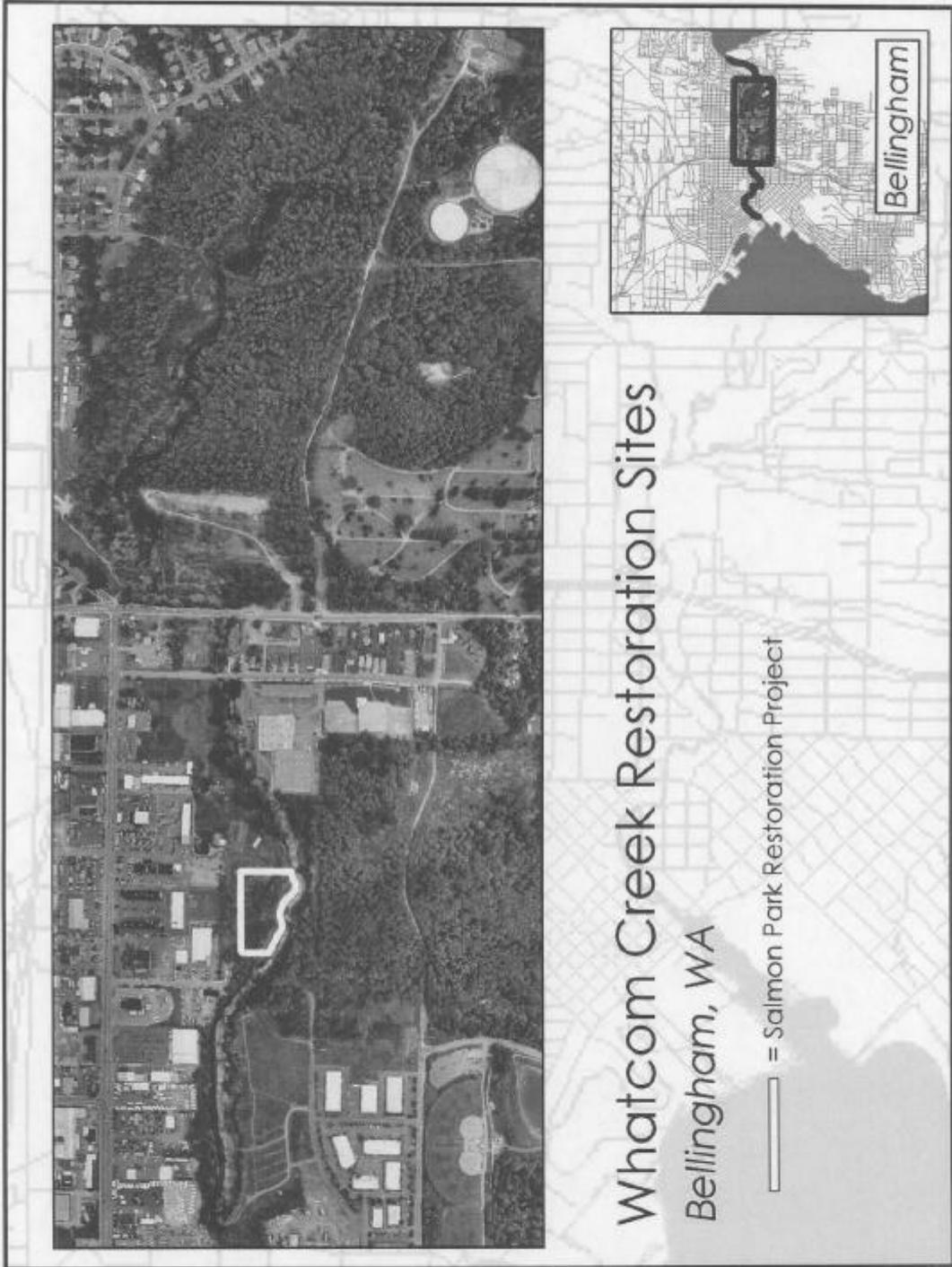


Figure 37: Salmon Park Location Map

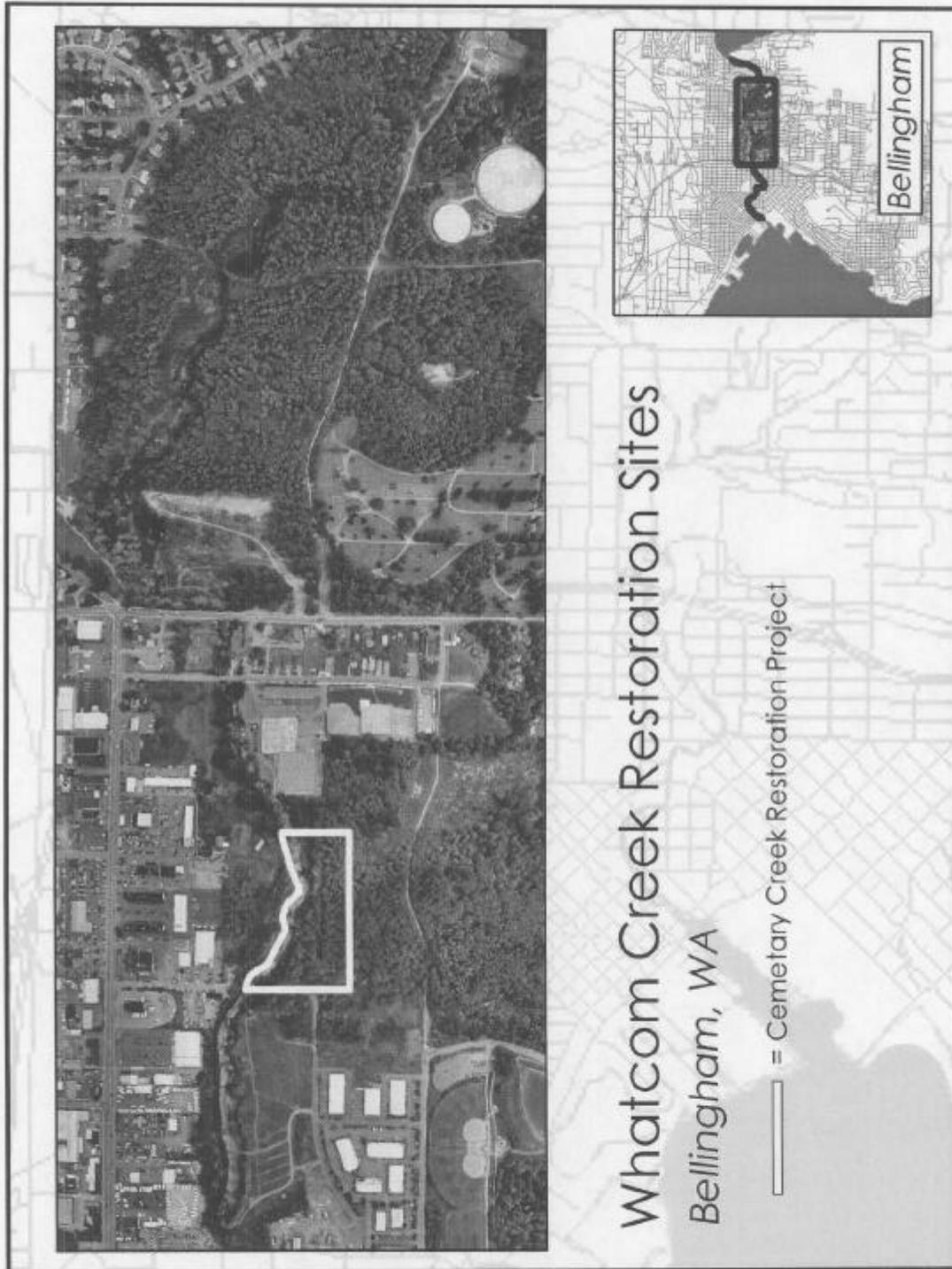


Figure 38: Cemetery Creek Project Location Map

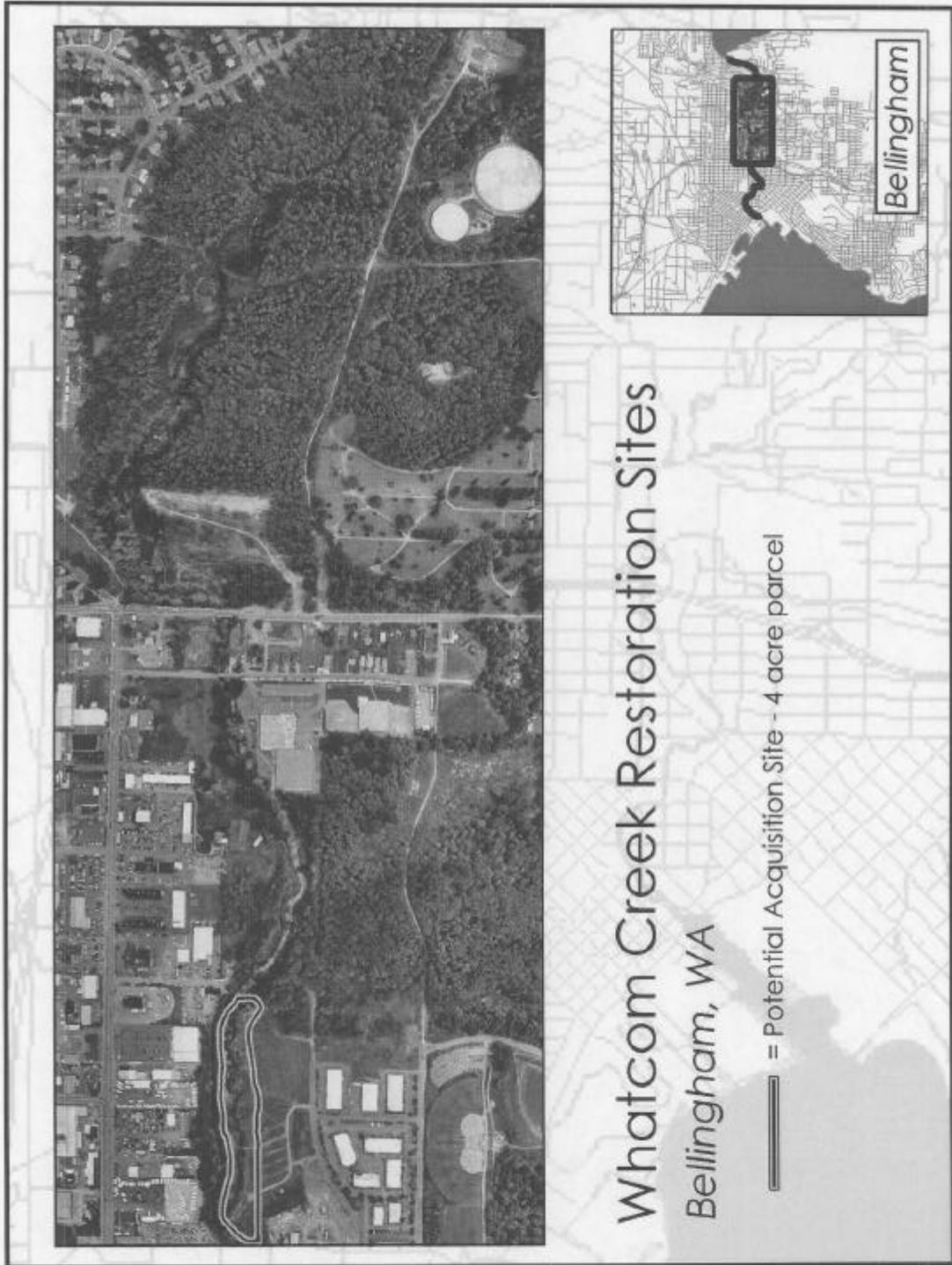


Figure 39: Proposed 4 acre Acquisition Site

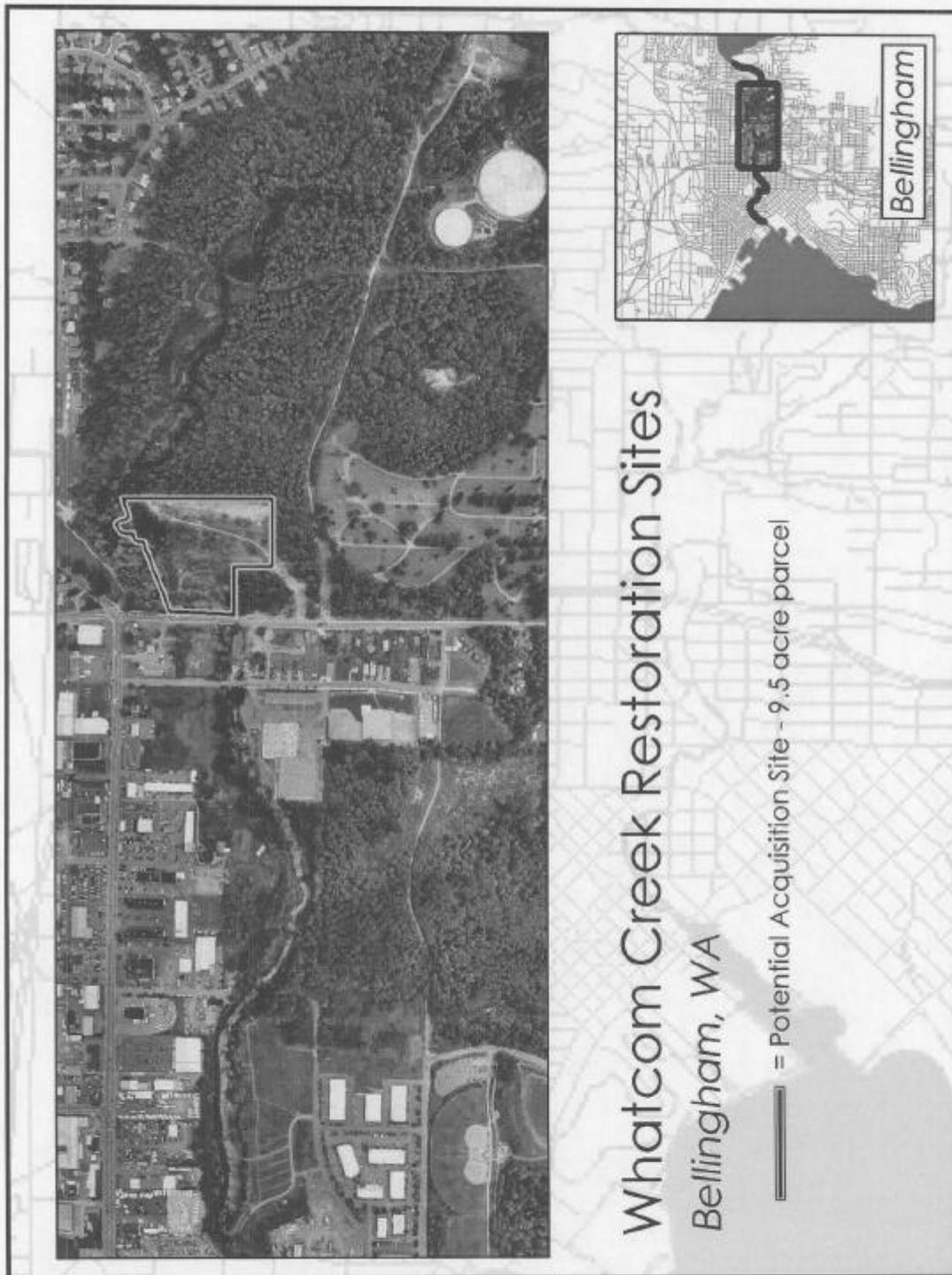


Figure 40: Proposed 9.5 Acre Acquisition Site